

SAMPLE NARRATIVE SUMMARY FOR CRITERION: 3.a.1

The implementation of emergency worker exposure control was demonstrated at the X County Emergency Operations Center. The Radiological Officer (RO) was responsible for ensuring that all County members of the Joint Radiological Monitoring Teams (JRMT), and the KI runners had the appropriate dosimetry and equipment before they were dispatched to the field. After they arrived at the EOC, they checked their dosimetry packets. Each packet contained a thermoluminescent dosimeter (calibration due 12/01), a CDV-138 and a CDV-730 direct-reading dosimeter (DRD) (calibration due 3/7/02), and a record form. They used CDV-750 dosimeter chargers to zero the DRDs, and recorded the initial readings. They wore the TLDs and DRDs on a lace around their necks. The JRMT members also had packets containing anti-contamination clothing and gloves.

The JRMT members also picked up CDV-700s (calibration date 3/16/01). They performed both an operational check and a source-check on the CDV-700.

At 0845, the RO briefed the JRMT members and KI runners about their DRD reading frequency (every hour), their call-in limit (500mR) and their turnback limit (1000mR).

One of the KI runners stayed in the EOC to assist the RO. He read his DRD every hour and recorded the readings. The EOC was never in the path of the plume.

A Sheriff's deputy provided EOC security. She received a dosimetry packet, checked and recorded the initial DRD readings, and properly wore the TLD. In addition, she had a CDV-700, with which to monitor anyone entering from outside the building. She performed both an operational and source check on the CDV-700, and wrapped the probe with a plastic bag and rubber band. Only one person, a sheriff's dispatcher, entered the EOC from outside the building. She monitored him prior to his entrance. (This was not observed by the evaluator.) Following exercise termination, she demonstrated monitoring on the RO. She properly completed the paperwork, and thoroughly monitored the RO, using the earphones.

At 0921, the RO distributed DRDs and record cards to the two County Commissioners who were going to the EOF. All staff were instructed to pick up a DRD and record card before leaving the EOC. There was also a sign on the exit door with those instructions.

At 0934, the RO distributed TLDs (calibration due 12/01) to all staff in the EOC, and to 2nd shift staff in other areas of the building. All staff recorded their name and TLD number on a record log. All staff wore their TLDs properly. Those staff, who were relieved by the 2nd shift, (e.g. the Public Information Officer) turned in their TLD to the RO before leaving. The RO also instructed EOC staff to remind their field personnel to read their DRDs every hour, and remind them about the call-in and turnback limits.

The EOC had an air filtering system (99% HEPA filter), which would be used if the plume headed toward the EOC.

County EOC staff demonstrated all activities associated with the implementation Emergency Worker Exposure Control in accordance with their plans and procedures